

PRODUCT DESCRIPTION

The new 4-foot 58W LED bed light delivers 6,900 lumens with a bi-directional output split of 4,610 lm down / 2,290 lm up, letting caregivers choose uplight, downlight, or both via dual pull chains located on the fixture.

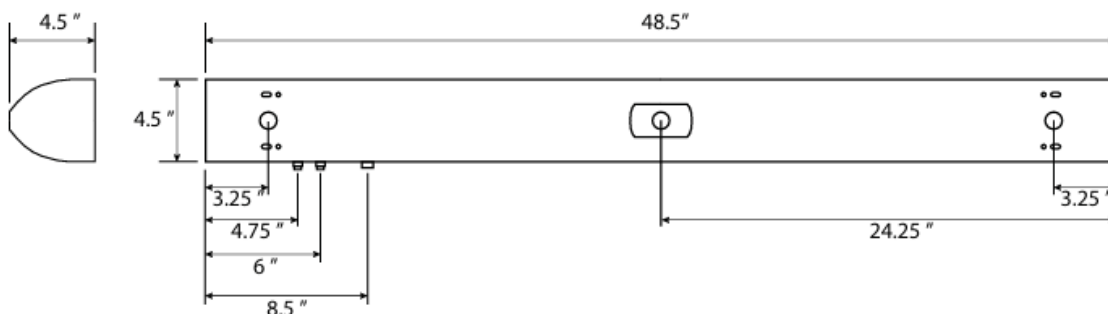


#: RGL-4FT-BED-58W

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL DLC certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Living Room
- Hospital Bed.
- Small room
- Gymnasium and supermarkets, etc

PRODUCT DIMENSIONS



LEGENDARY USA SUPPORT



US based
phone and online
customer support



PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	58W(40W shines downward +18W shines upward)
	Color Temperature	4000K
	Lumen (Tolerance : -10%)	6900LM (4610 down +2290 up) LM
	Efficacy (Tolerance : -3%)	119LM/W
	CRI	>80
	Diffuser Type	PC Lens(Shatter Proof Lens)
	Beam Angle (50%) (Tolerance :	67 Degrees upward / 67 Degrees Downward
ELECTRICAL	Input Voltage and Frequency	120VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.95
	THD (Tolerance : +5%)	≤20%
	Driver Efficacy	<90%
	Driver Brand	Rugged Grade Lighting
	Driver Model	Rugged Grade Lighting Driver
MATERIALS	Optional Accessory	NA
	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	198PCS
	Housing	PC
	Housing Color	Grey
OTHERS	Waterproof Rating	NA
	Operating Temperature	-4F TO 104F
	Unit Weight	8lbs
	Warranty	10 years warranty with 24/7 operating hours Luminaire lifetime

PRODUCT MOUNTS & ACCESSORIES



PRODUCT IMAGES & ACTUAL INSTALLATIONS



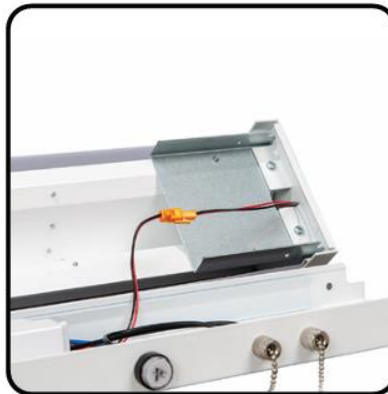
Independently control upper and lower light panels



Indicator nightlight to easily locate pull chain location in the dark



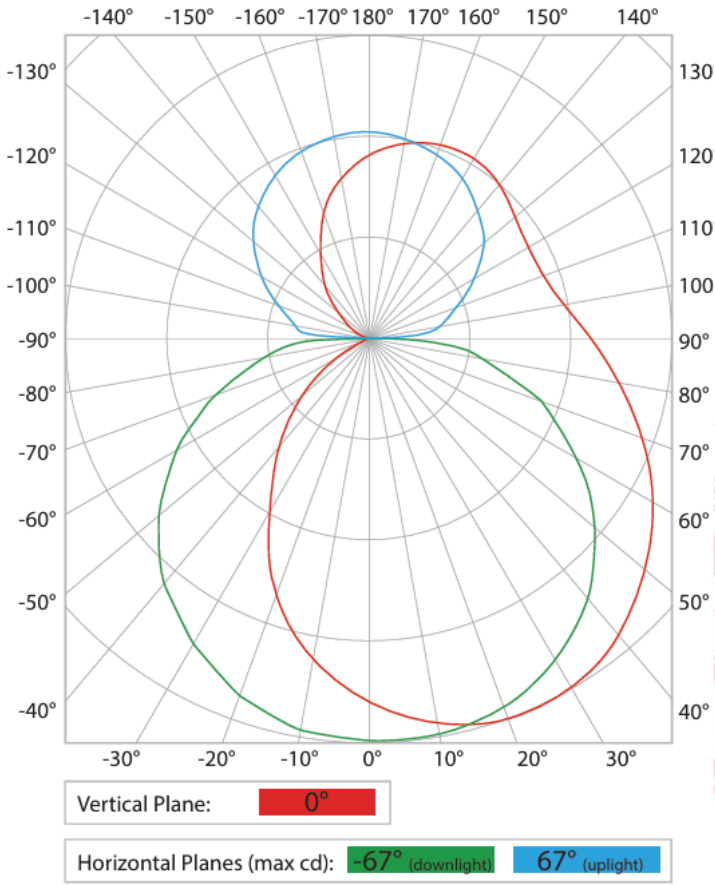
Back panel provides knockout options at center and towards both ends



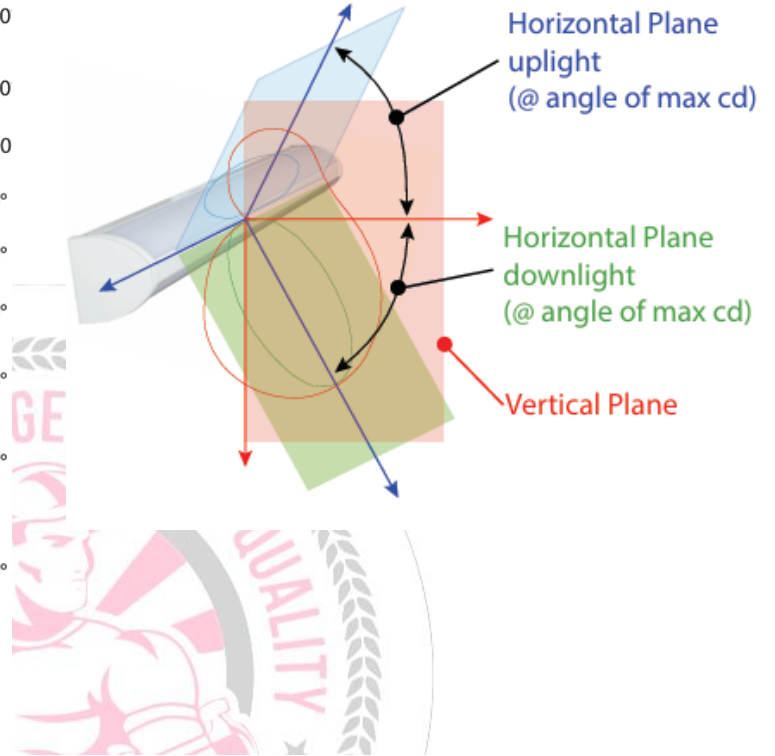
Easily disconnect lens assembly from backplate during mounting and installation

PHOTOMETRICS

Polar Candela Plot

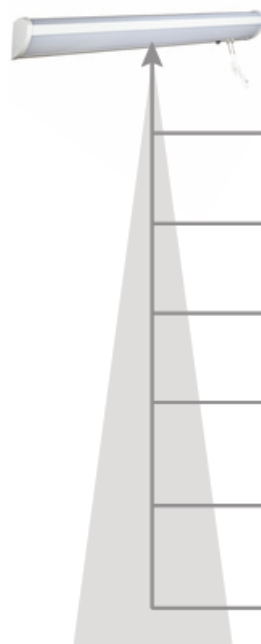


Reference Key for Polar Candela Plot:



Isofootcandle Sampling

(with both upper and lower lights on, open space)

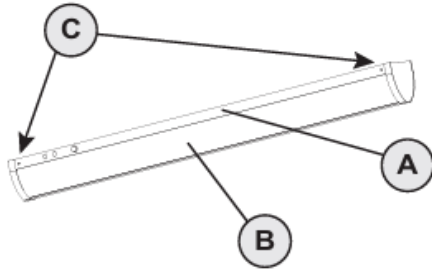


Mounting Height	Narrow		Wide	
	Iso-fc:	Diameter:	Iso-fc:	Diameter:
5 ft	38.4 fc MAX	5.5 ft	25 fc 10 fc	9.1 ft
8 ft	16 fc MAX	5.2 ft	13 fc 5 fc	15 ft
10 ft	10.4 fc MAX	7.5 ft	7.5 fc 5 fc	12.6 ft
12 ft	6.5 fc MAX	6.9 ft	6 fc 2.5 fc	20.2 ft
16 ft	3.9 fc MAX	13.9 ft	3 fc 2 fc	21.5 ft
20 ft	2.6 fc MAX	15.8 ft	2 fc 1.5 fc	23.4 ft



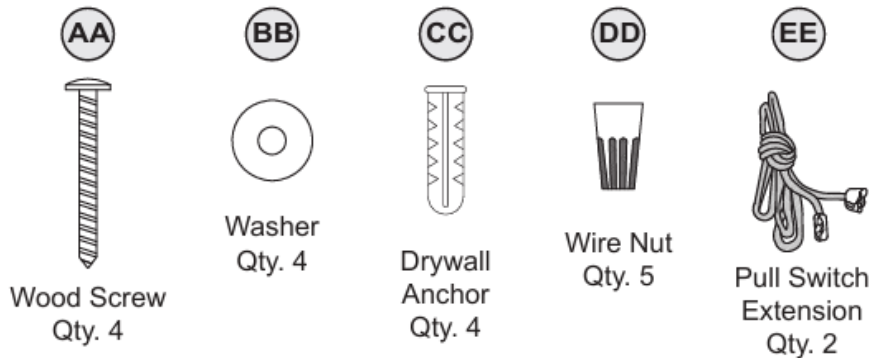
INSTALLATION

PACKAGE CONTENTS



Part	Item Name	Qty.
A	Fixture plate	1
B	Lens (preassembled onto Fixture plate (A))	1
C	Lens retaining screws	4

HARDWARE CONTENTS



SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product. Failure to do so could lead to electric shock, fire or other injuries that could be hazardous or even fatal.

- Be sure the electricity to the wires you are working on is shut off. Either remove the fuse or turn off the circuit breaker.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This product must be installed in accordance with local, state and national electrical codes.
- Installation work shall be completed by a licensed installer that is familiar with the construction and operations of the product.

CAUTION:

- The fixture body is one piece. Do not disassemble it.
- This product is dimmable only with low voltage 0-10v DC dimming systems, do not install with triac dimmers.
- Install only on 120VAC circuits only.

NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.





INSTALLATION

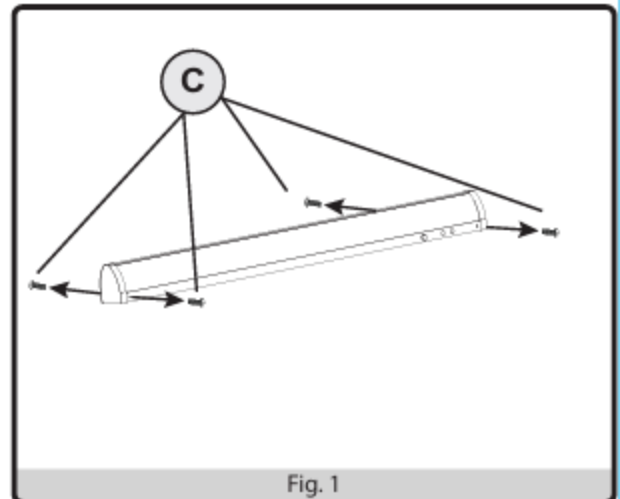
SAFETY INFORMATION

NOTICE

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and the receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This Class B digital apparatus complies with Canadian ICES-003.

INSTALLATION INSTRUCTIONS

1. Remove all four lens retaining screws (C) and set aside for later use.

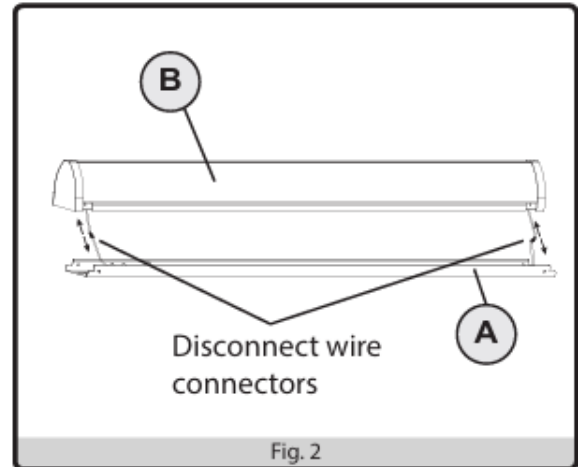




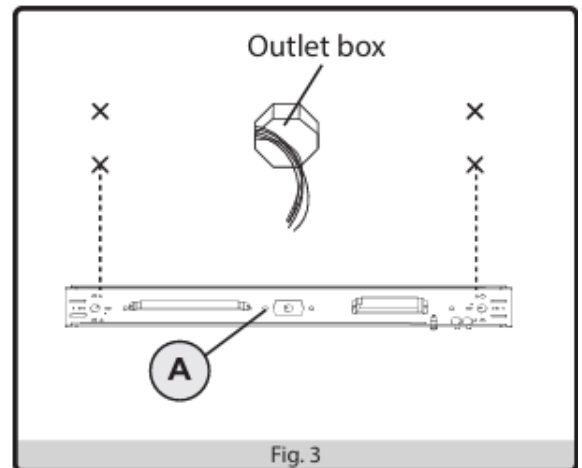
INSTALLATION

INSTALLATION INSTRUCTIONS

- Separate lens (B) from fixture plate (A) by gently pulling the lens assembly. Disconnect wire connectors from both ends of the fixture, then set lens (B) aside for later use.

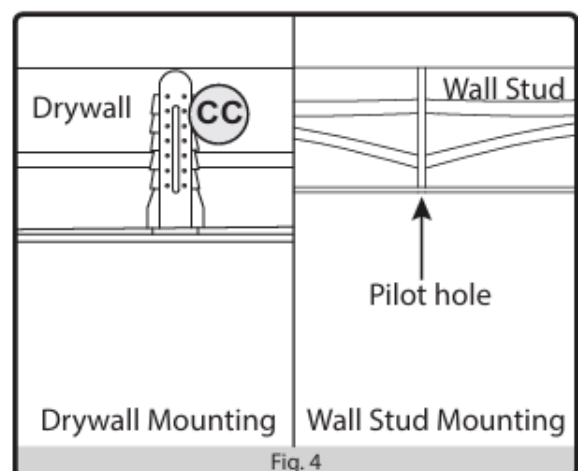


- Line up the outlet box on mounting surface over the intended knockout on the fixture plate (A), align the fixture plate (A) so that the outlet box is completely covered. While holding the fixture in the intended installation position, mark the location of the mounting holes on the mounting surface. Set the fixture aside.



- DRYWALL MOUNTING:** If the mounting holes go through drywall without a stud, drill four small pilot holes using a 1/8-in. drill bit (not included), and install drywall anchors (CC) into the holes with a hammer (not included).

CEILING STUD MOUNTING: If the mounting holes go through ceiling studs, drill four small pilot holes using a 5/32-in. drill bit (not included) for the wood screws (AA). **NOTE:** Do not install wood screws (AA) yet

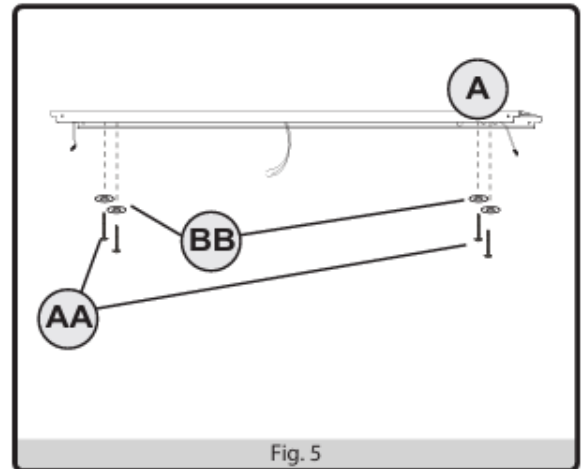




INSTALLATION

INSTALLATION INSTRUCTIONS

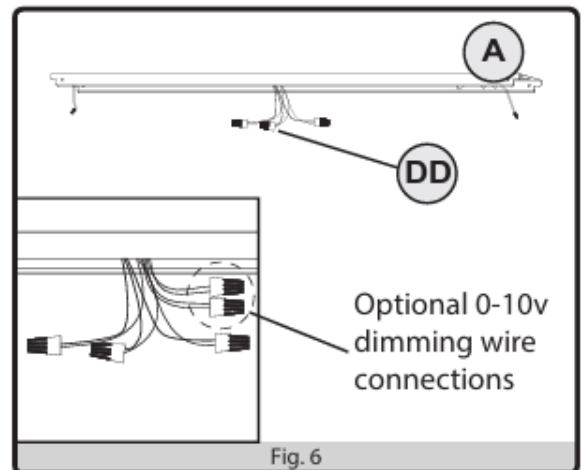
5. Ensure that power is shut off. Feed the supply wires from outlet box through the knockout on fixture plate (A). Align the mounting holes on the fixture plate (A) to the holes drilled on the mounting surface and secure each with a wood screw (AA) and a Washer (BB).



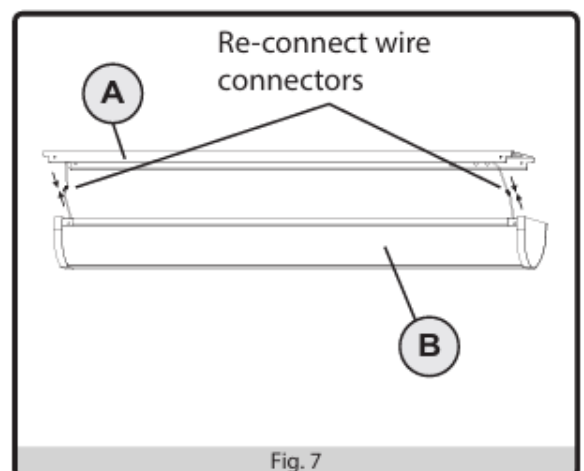
6. Connect the supply wires to the fixture wires -- black to black, white to white, and green to copper/bare; secure each with a wire nut (DD).

WARNING: If there is no ground supply wire, stop installation and consult a qualified electrician.

OPTIONAL: If dimming system is to be used with light fixture, connect low voltage 0-10v DC leads, purple to purple(positive lead), and gray to gray (negative lead). Otherwise, if fixture is not intended to be dimmed, leave gray and purple leads capped and insulated.



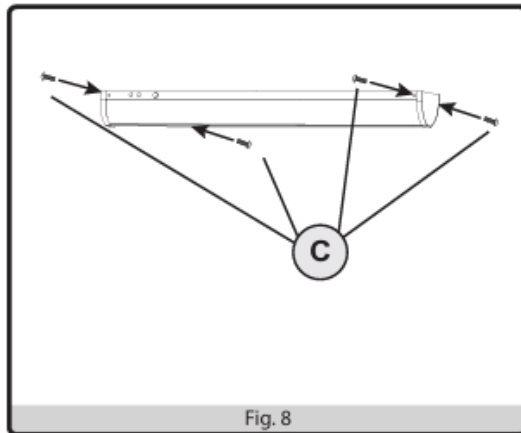
7. Re-connect the wire connectors between the fixture plate (A) and lens (B)



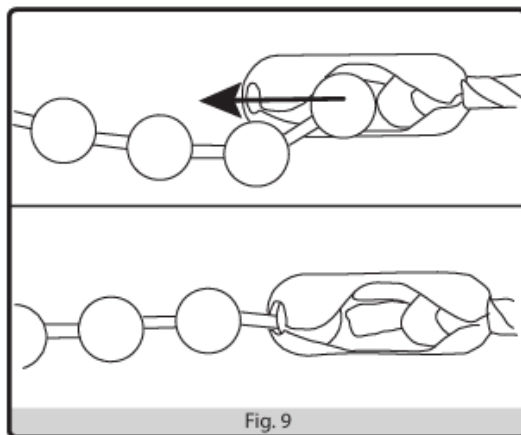
INSTALLATION

INSTALLATION INSTRUCTIONS

8. Replace the lens (B) over fixture plate (A) and secure with original 4 screws.



9. **OPTIONAL:** To add the pull chain extension (EE) to pull chains on fixture body, insert the ball end of the pull chain into the opening of pull chain extension (EE). Pull the ball of pull chain into the narrow end of the pull chain extension (EE) until it locks into place.

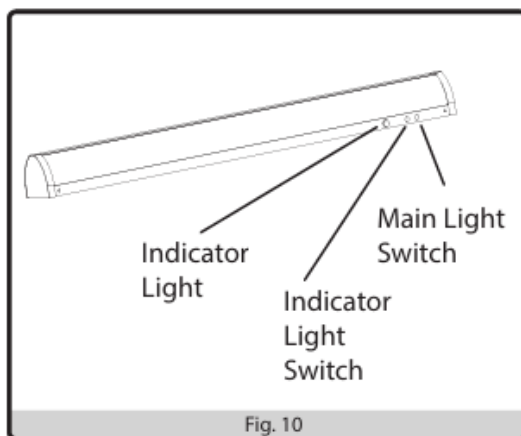


OPERATING INSTRUCTIONS

10. The indicator light pull chain switch will toggle the indicator light on and off.

The main light pull chain switch will operate the two banks of light which will sequentially switch in the following configurations:

Off → Uplight On → Downlight On → Both Downlight and Uplight On



INSTALLATION

CARE AND MAINTENANCE

Clean with a mild, non-abrasive glass cleaner and soft cloth. Do NOT use solvents or cleaners containing abrasive agents. When cleaning the fixture, make sure the power is turned off, and any liquid spray should be applied to the cleaning cloth and not sprayed directly onto the fixture itself.

TROUBLESHOOTING

Problem	Possible Solution	Corrective Action
Fixture does not light.	<ol style="list-style-type: none">1. Power is off.2. Incorrect wire connection.3. Defective wall switch.	<ol style="list-style-type: none">1. Check circuit breaker or wall switch.2. Check wire splices.3. Replace switch.
Circuit breaker trips when light is turned on.	Crossed wires or power wire is grounded out.	Verify wires are correctly connected.

WARRANTY

This fixture is warranted to perform free from defects for five years. If it fails to do so, you may return it with proof of purchase to 13445 12th St., Chino, CA 91710 for replacement.



PRODUCT WARNINGS

- ⚡ Please turn off power before install or change assembly parts.
- ⚡ The input voltage and lamps should be matched, after connecting the power line.
- ⚡ Please make sure the wiring section is insulated.
- ⚡ Professionals must install and disassemble the lamps.
- ⚡ Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- ⚡ Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!

**BETTER LIGHTS.
BETTER SUPPORT.**

